

TOWN OF ARLINGTON

BID #17-32 2017 WATER DISTRIBUTION SYSTEM IMPROVEMENTS VARIOUS LOCATIONS

MAY 16, 2017

PLAN LIST:

COVER - SHEET 1

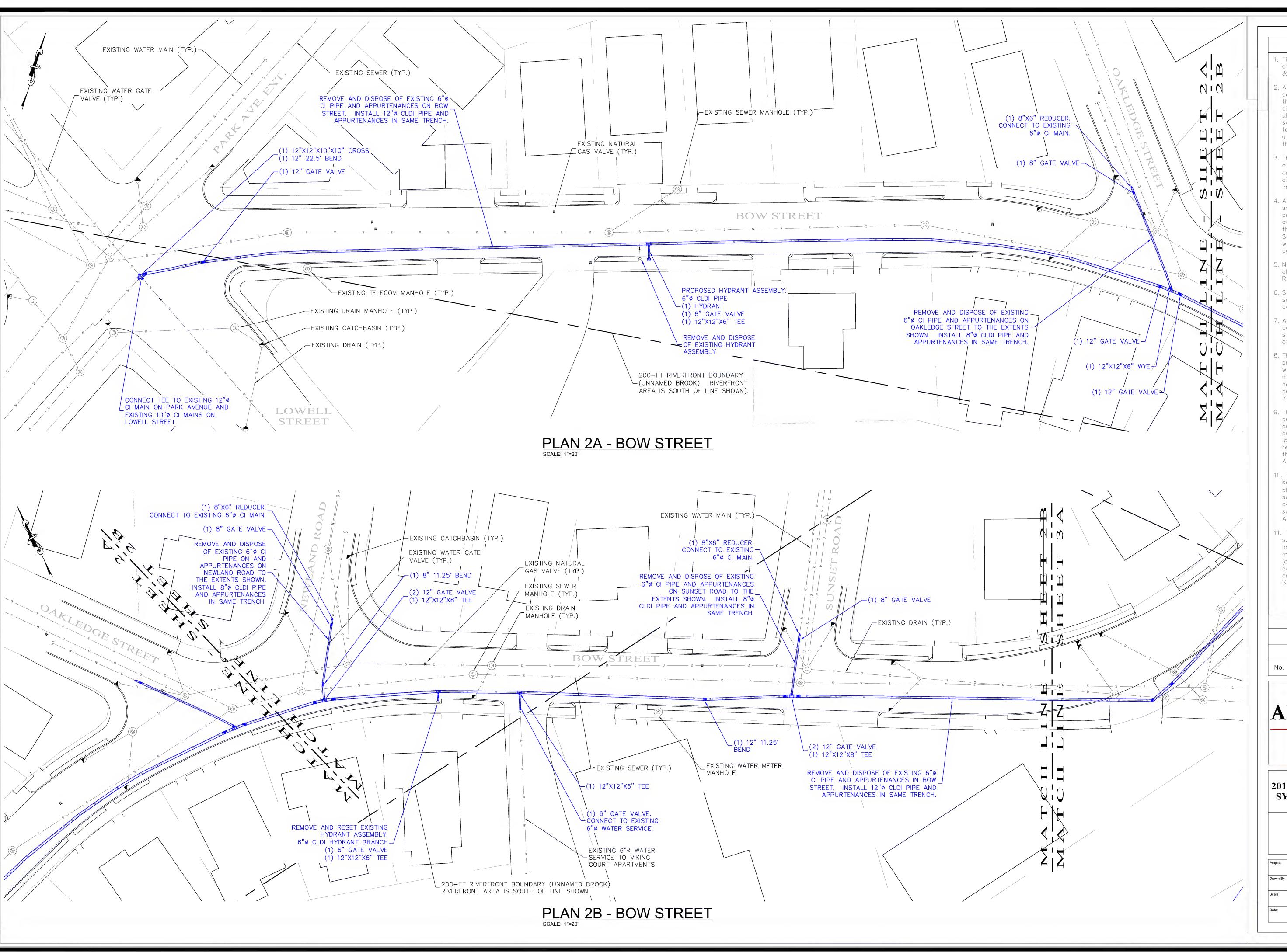
BOW STREET - SHEETS 2-4

MILL STREET - SHEETS 5-6

BID ALTERNATE #1: SPRING STREET - SHEET 7

BID ALTERNATE #2: BURCH STREET - SHEETS 8-9

TYPICAL CONSTRUCTION DETAILS: SHEET 10

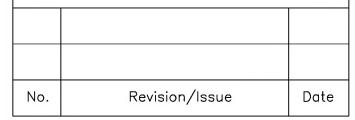


NOTES

- . This plan was developed using ovoiloble oerial imogery, existing plans & on—site observotions.
- 2. An on—the—ground survey was not conducted during the development of this plon. The location ond dimensions of features shown on this plan are approximate. It sholl be the sole responsibility of the controctor to determine locations of ony existing utilities and/or feotures not shown on this plan.
- 3. The controctor sholl notify the Town of Arlington Engineering Division ond/or Water/Sewer Division of oll discreponcies from this plon identified in the field.

4. All on—site drainage cotch bosins shall be equipped with on inlet protection device during oll construction activities. Any sediment that enters the Town's Stormwater Sewer System as a result of this work sholl be removed by the contractor at his cost.

- 5. No fueling of equipment sholl be ollowed within the 200-FT Riverfront Resource Area Boundories.
- 6. Streets sholl be swept and cleaned of sediment debris at end of each work day.
- 7. Any oreas disturbed by the contractor outside the limits of work shall be restored to original condition ot no cost to the owner.
- 8. The contractor must notify oll utilities prior to performing any excovotion work. The Town of Arlington is not a member of "Dig—Safe" ond must be notified directly at least 72—Hours prior to ony excovotion ot 781—316—3310 or 781—316—3301.
- 9. The locotion, number, & type of proposed fittings shown on this plan ore intended for illustrative purposes only. Field conditions will dictate the location, number, & type of fittings required. All installations shall be to the full satisfaction of the Town of Arlington.
- 10. The location of proposed water service loterals are not shown on this plan. The location of new ¾" copper service laterols sholl be field determined and laid out to the satisfaction/approval of the Town of Arlington.
- 11. Trenches shall be backfilled with suitable material and compacted in layers not over 6" deep using mechanical compactors or jet—rodding. Backfill material shall be compocted to 95% of maximum dry density as determined by AASHTO Standard Test T99 Method C.



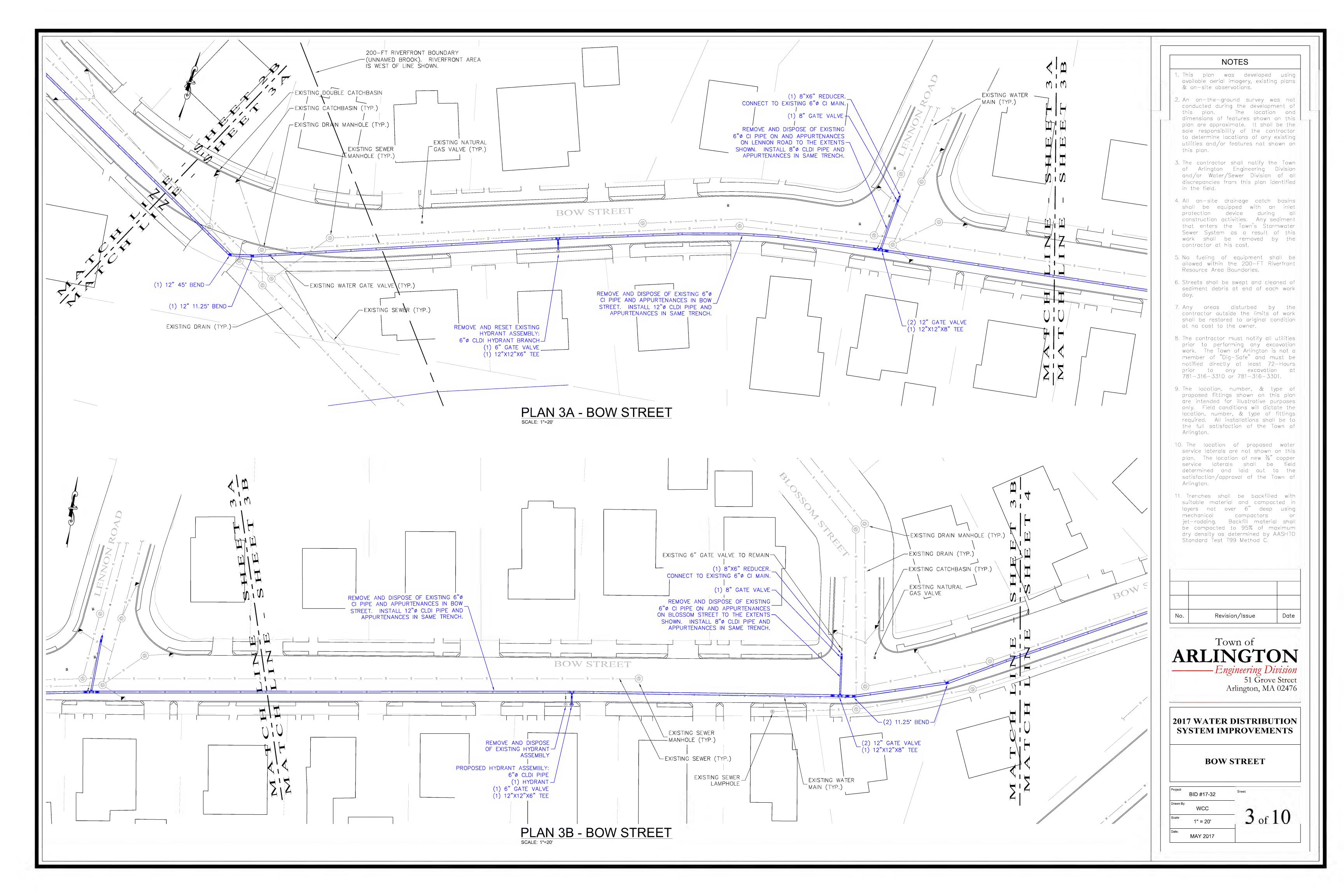
ARLINGTON

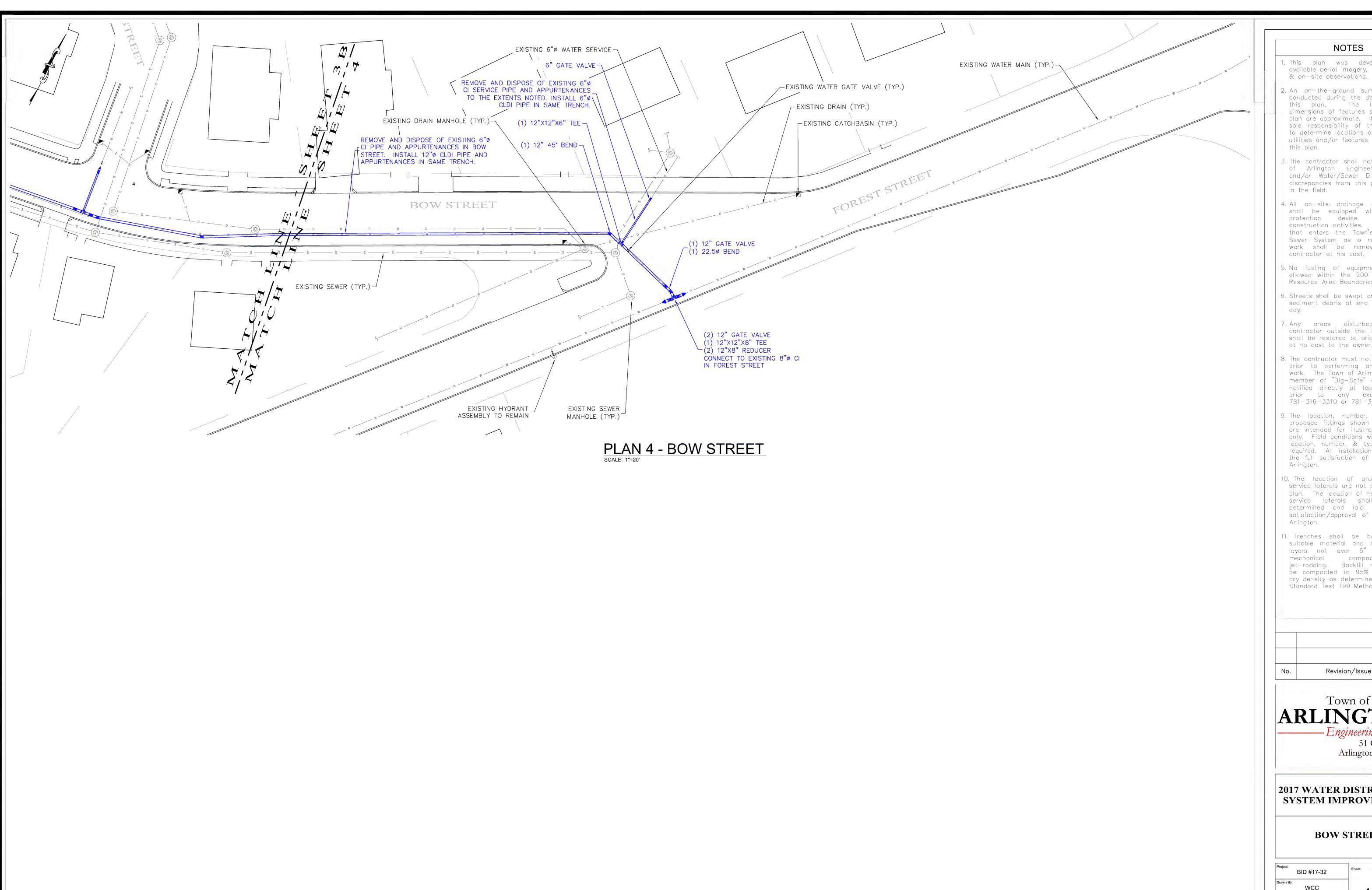
51 Grove Street Arlington, MA 02476

2017 WATER DISTRIBUTION SYSTEM IMPROVEMENTS

BOW STREET

Project: BID #17-32	Sheet:
Drawn By: WCC	2 10
Scale: 1" = 20'	2 of 10
Date: MAY 2017	





- 1. This plan was developed using ovoiloble oeriol imogery, existing plans
- 2. An on—the—ground survey was not conducted during the development of this plan. The location and dimensions of features shown on this plan are approximate. It shall be the sole responsibility of the contractor to determine locations of ony existing utilities ond/or feotures not shown on
- 3. The controctor sholl notify the Town of Arlington Engineering Division and/or Water/Sewer Division of oll discreponcies from this plan identified in the field.
- 4. All on—site drainage cotch bosins shall be equipped with on inlet protection device during oll construction activities. Any sediment that enters the Town's Stormwater Sewer System as o result of this work sholl be removed by the contractor at his cost.
- 5. No fueling of equipment sholl be ollowed within the 200-FT Riverfront Resource Area Boundories.
- 6. Streets sholl be swept and cleaned of sediment debris at end of each work
- 7. Any oreas disturbed by the contractor outside the limits of work shall be restored to original condition ot no cost to the owner.
- 8. The contractor must notify all utilities prior to performing any excavation work. The Town of Arlington is not a member of "Dig—Safe" ond must be notified directly at least 72-Hours prior to any excovotion ot 781-316-3310 or 781-316-3301.
- 9. The location, number, & type of proposed fittings shown on this plan ore intended for illustrotive purposes only. Field conditions will dictate the location, number, & type of fittings required. All instollotions shall be to the full satisfaction of the Town of Arlington.
- 10. The location of proposed water service loterals are not shown on this plan. The location of new ¾" copper service laterols shall be field determined and laid out to the satisfaction/approval of the Town of Arlington.
- 1. Trenches sholl be backfilled with suitoble material ond compacted in layers not over 6" deep using mechanicol compoctors or jet—rodding. Backfill material sholl be compacted to 95% of maximum dry density os determined by AASHTO Standord Test T99 Method C.

Revision/Issue

Town of

51 Grove Street Arlington, MA 02476

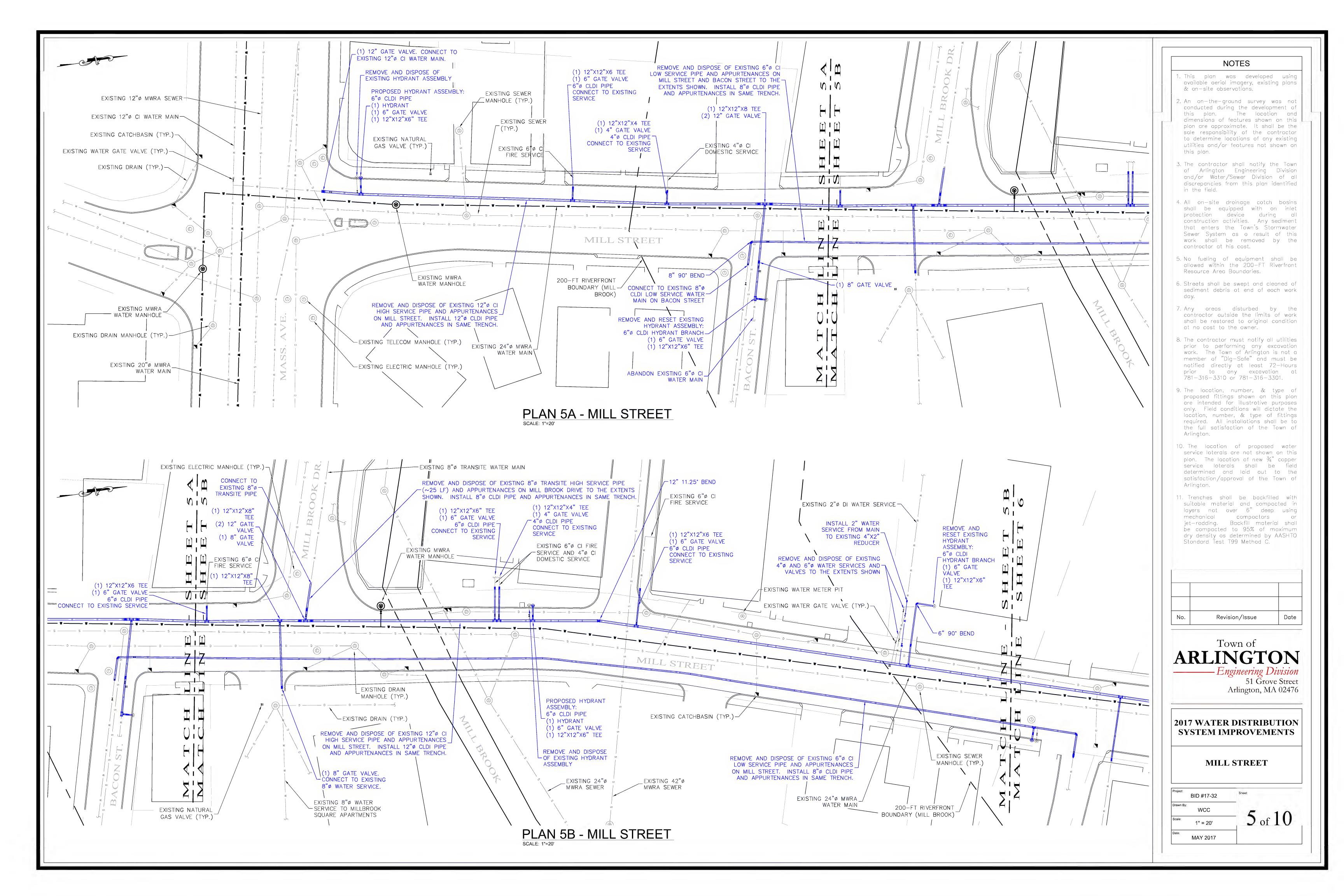
2017 WATER DISTRIBUTION SYSTEM IMPROVEMENTS

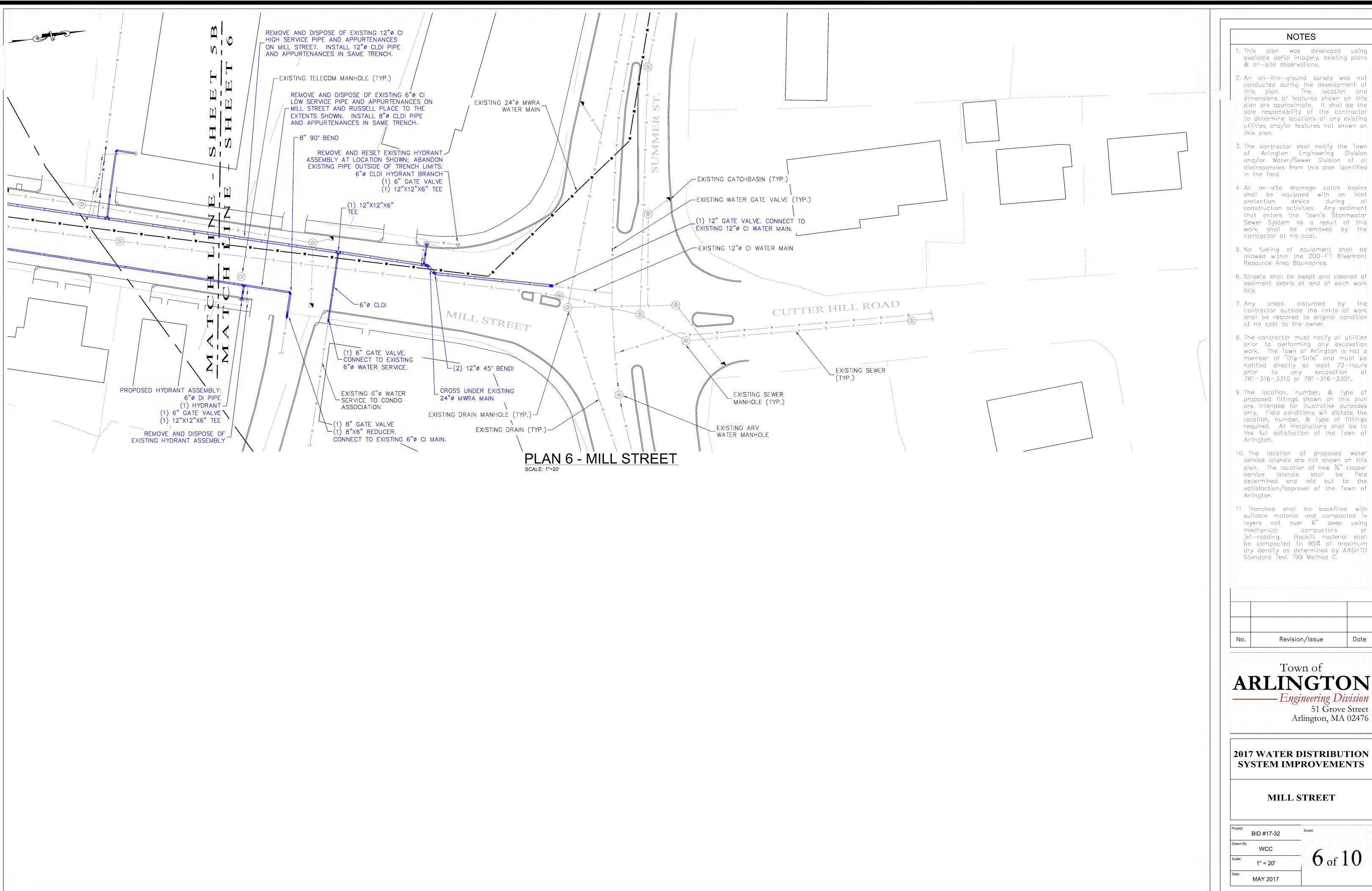
BOW STREET

BID #17-32 WCC 1" = 20'

4 of 10

MAY 2017





canducted during the development af this plan. The lacation and dimensians af features shawn an this plon are appraximate. It shall be the sale respansibility af the cantractar ta determine lacations of any existing utilities and/ar features nat shawn an

3. The contractor shall notify the Town of Arlington Engineering Division and/or Water/Sewer Division of all discrepancies from this plan identified

4. All on—site drainage catch basins shall be equipped with an inlet protection device during all construction octivities. Any sediment that enters the Tawn's Starmwater Sewer System as a result of this wark shall be remaved by the

allawed within the 200-FT Riverfrant

sediment debris at end af each wark

7. Any areas disturbed by the cantractar autside the limits of wark shall be restared ta ariginal canditian

8. The cantractar must natify all utilities priar ta perfarming any excavatian wark. The Tawn of Arlington is not a member af "Dig—Safe" and must be natified directly at least 72-Haurs priar ta any excavatian at 781-316-3310 ar 781-316-3301.

prapased fittings shawn an this plan are intended far illustrative purpases anly. Field canditians will dictate the lacatian, number, & type af fittings required. All installations shall be to the full satisfaction of the Town of

10. The lacatian af prapased water service laterols are nat shawn an this plon. The lacatian af new ¾" capper service laterals shall be field determined ond laid out to the satisfaction/approvol of the Town of

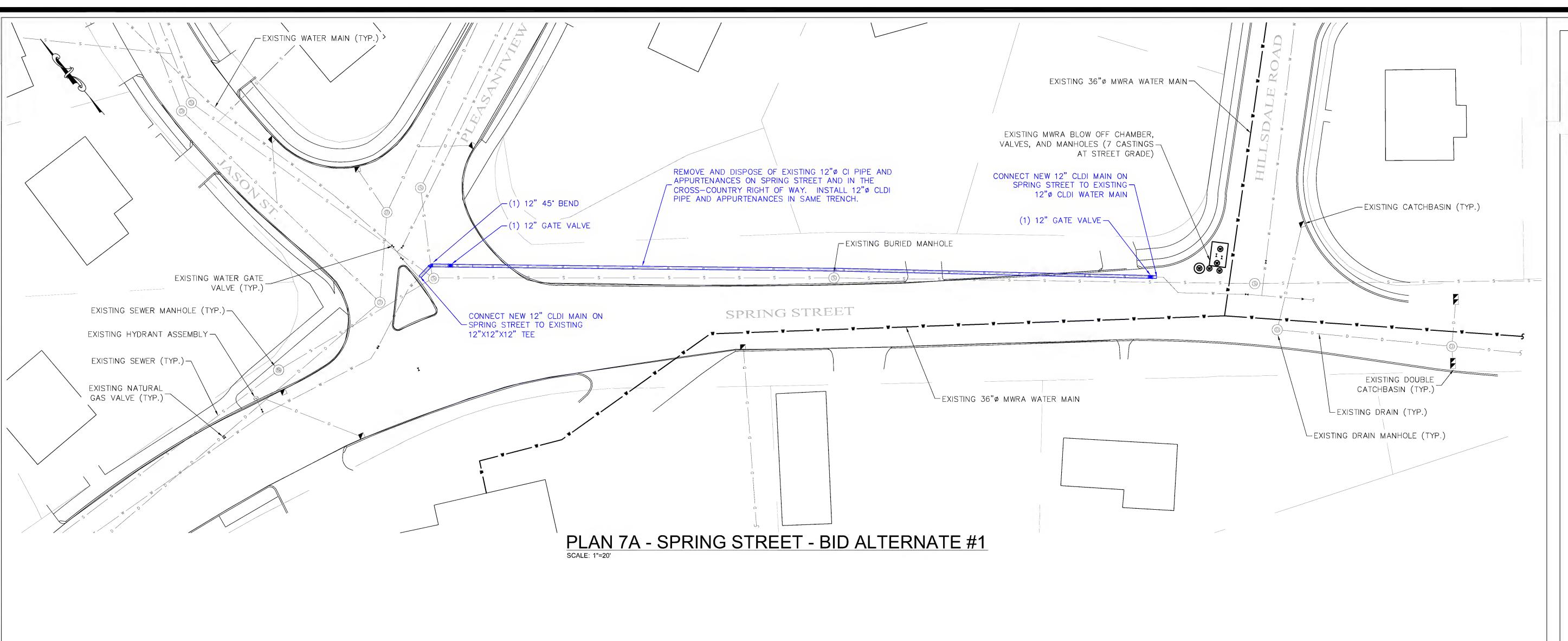
11. Trenches shall be backfilled with suitable material and campacted in layers nat aver 6" deep using mechanical campactars ar jet—radding. Bockfill materiol shall be campacted ta 95% af maximum dry density as determined by AASHTO

No.	Revision/Issue	Date

51 Grove Street Arlington, MA 02476

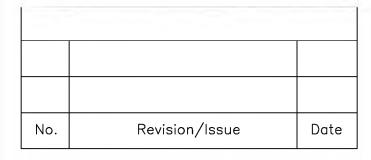
2017 WATER DISTRIBUTION SYSTEM IMPROVEMENTS

6 of 10



NOTES

- This plan was developed using ovoiloble oerial imagery, existing plans & on—site observations.
- 2. An on—the—ground survey was not conducted during the development of this plon. The location ond dimensions of feotures shown on this plan are approximate. It sholl be the sole responsibility of the controctor to determine locations of ony existing utilities and/or feotures not shown on this plan.
- 3. The controctor sholl notify the Town of Arlington Engineering Division and/or Water/Sewer Division of oll discreponcies from this plon identified in the field.
- 4. All on—site drainage catch basins shall be equipped with on inlet protection device during oll construction activities. Any sediment that enters the Town's Stormwoter Sewer System as a result of this work shall be removed by the contractor at his cost.
- 5. No fueling of equipment sholl be ollowed within the 200-FT Riverfront Resource Areo Boundories.
- 6. Streets shall be swept and cleaned of sediment debris at end of each work doy.
- 7. Any areos disturbed by the contractor outside the limits of work shall be restored to original condition ot no cost to the owner.
- 8. The contractor must notify oll utilities prior to performing any excovotion work. The Town of Arlington is not a member of "Dig-Safe" ond must be notified directly at least 72-Hours prior to ony excovotion ot 781-316-3301.
- 9. The locotion, number, & type of proposed fittings shown on this plan are intended for illustrative purposes only. Field conditions will dictate the location, number, & type of fittings required. All installations shall be to the full satisfaction of the Town of Arlington.
- 10. The location of proposed woter service loterals are not shown on this plan. The location of new 3/4" copper service laterols sholl be field determined and loid out to the satisfaction/approval of the Town of Arlington.
- 11. Trenches shall be backfilled with suitable material and compacted in layers not over 6" deep using mechanical compactors or jet—rodding. Backfill material shall be compocted to 95% of maximum dry density as determined by AASHTO Standard Test T99 Method C.



ARLINGTON

51 Grove Street Arlington, MA 02476

2017 WATER DISTRIBUTION SYSTEM IMPROVEMENTS

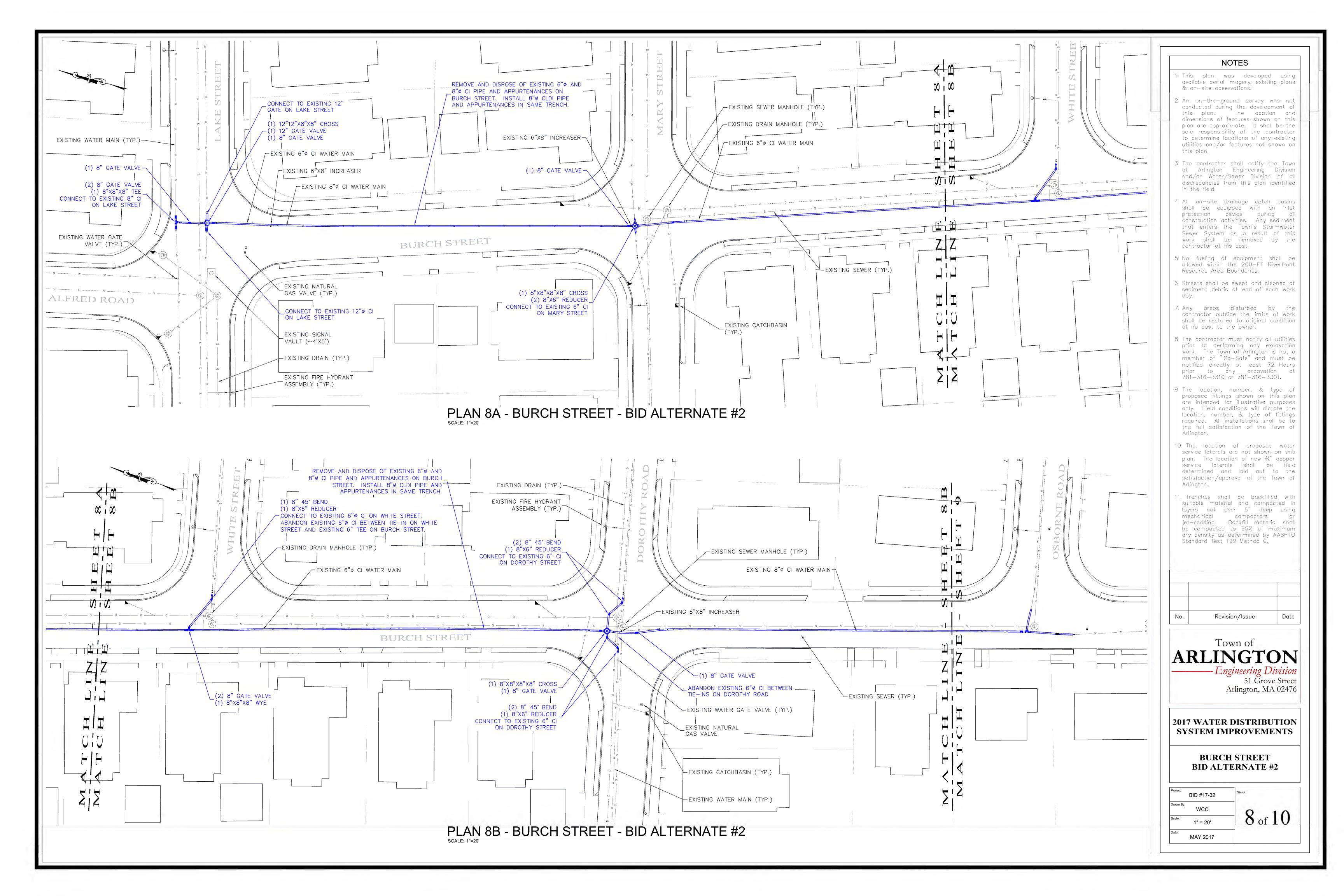
> SPRING STREET BID ALTERNATE #1

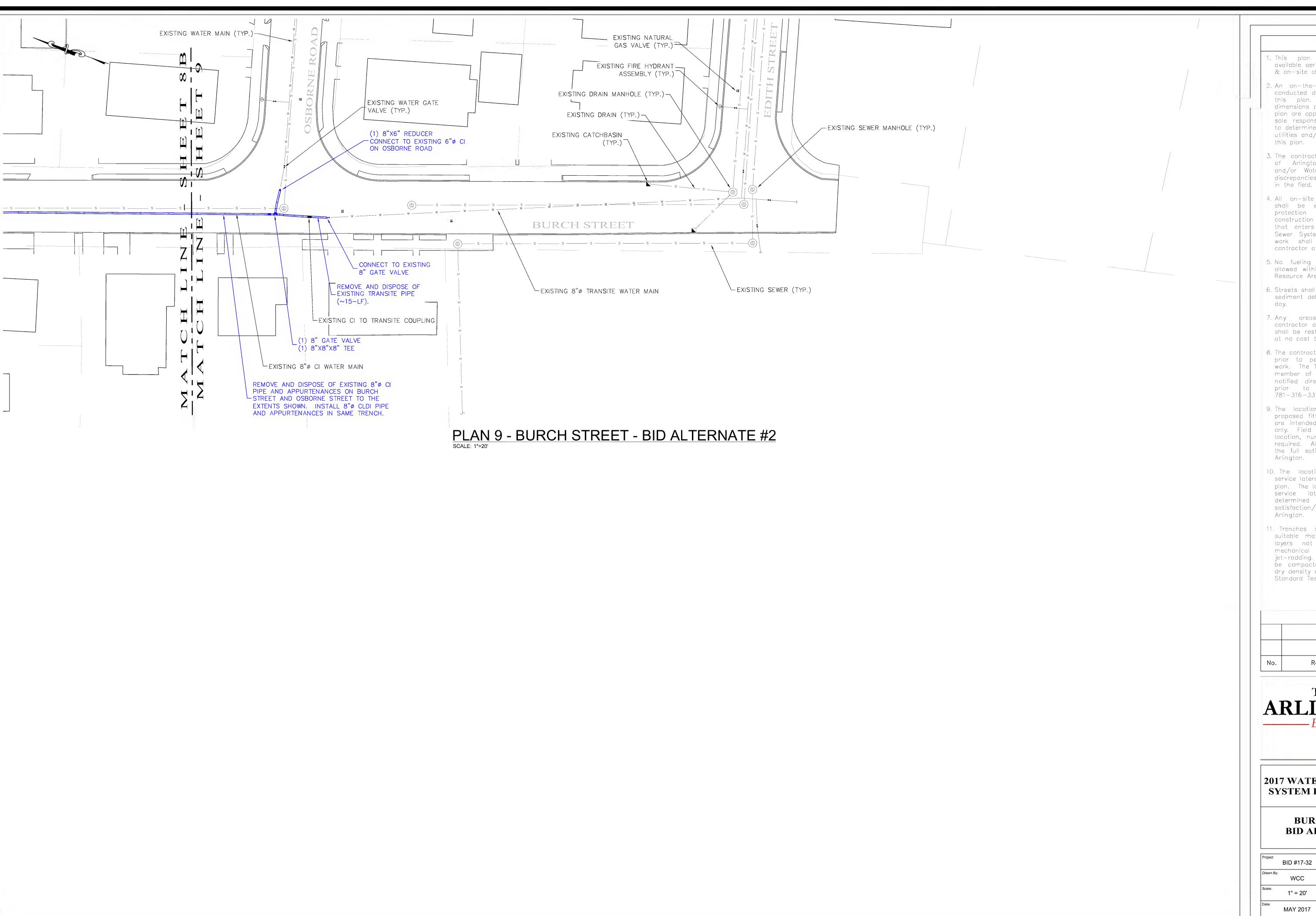
BID #17-32
Wn By:
WCC

1" = 20'

7 of 10

MAY 2017





NOTES

 This plan was developed using available aerial imagery, existing plans & an—site abservations.

- 2. An an—the—graund survey was nat canducted during the development of this plan. The lacation and dimensions of features shown an this plan are approximate. It shall be the sale responsibility of the contractor to determine lacations of any existing utilities and/ar features nat shown an
- 3. The contractor shall notify the Town of Arlington Engineering Division and/or Woter/Sewer Division of all discrepancies from this plan identified in the field.
- 4. All on—site droinage catch basins shall be equipped with an inlet protection device during all construction activities. Any sediment that enters the Tawn's Starmwater Sewer System as a result af this wark shall be remaved by the cantractar at his cast.
- 5. Na fueling af equipment shall be allawed within the 200—FT Riverfrant Resaurce Area Baundaries.
- 6. Streets shall be swept and cleaned af sediment debris at end af each wark day.
- 7. Any areas disturbed by the cantractar autside the limits af wark shall be restared to ariginal canditian at no cast to the awner.
- 8. The cantractar must natify all utilities priar ta perfarming any excavation wark. The Tawn of Arlington is not a member of "Dig—Safe" and must be natified directly at least 72—Haurs priar to any excavation at 781—316—3310 or 781—316—3301.
- 9. The lacation, number, & type of proposed fittings shown on this plan are intended for illustrative purposes only. Field conditions will dictate the lacation, number, & type of fittings required. All installations sholl be to the full satisfaction of the Town of Arlington.
- 10. The lacotian af prapased water service laterals are not shawn an this plan. The lacatian af new 3/4" capper service laterals shall be field determined ond laid out to the satisfaction/approval of the Town of Arlingtan.
- 11. Trenches shall be backfilled with suitable material and campacted in layers nat aver 6" deep using mechanical campactars ar jet—radding. Backfill material shall be campacted to 95% af maximum dry density as determined by AASHTO Standard Test T99 Method C.

No.	Revision/Issue	Date	

Town of ARLINGTON

51 Grove Street Arlington, MA 02476

2017 WATER DISTRIBUTION SYSTEM IMPROVEMENTS

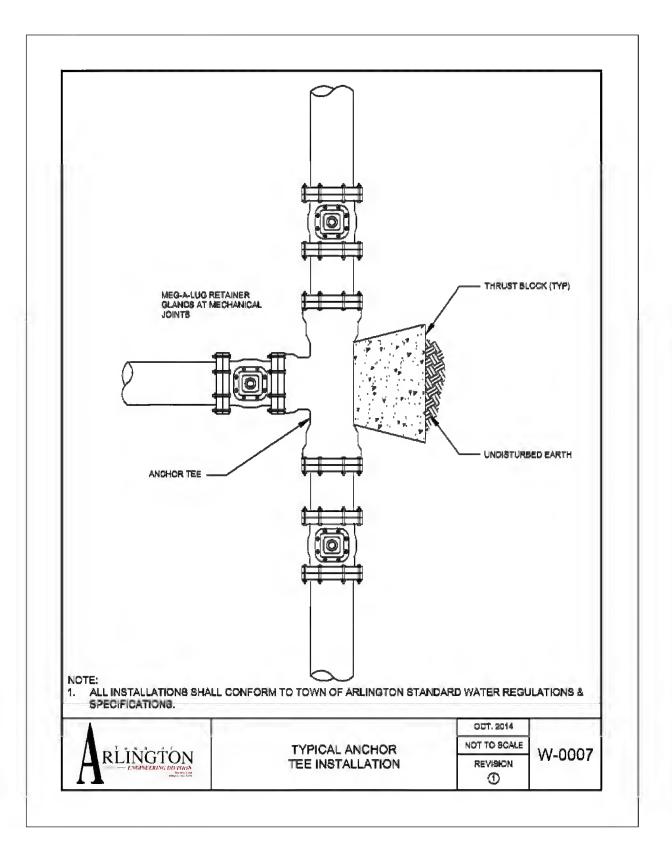
> BURCH STREET BID ALTERNATE #2

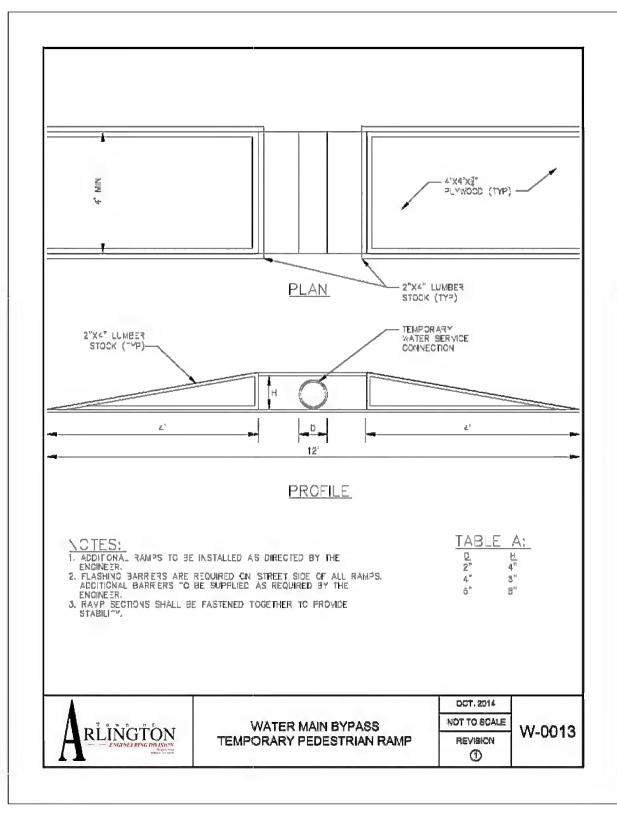
BID #17-32

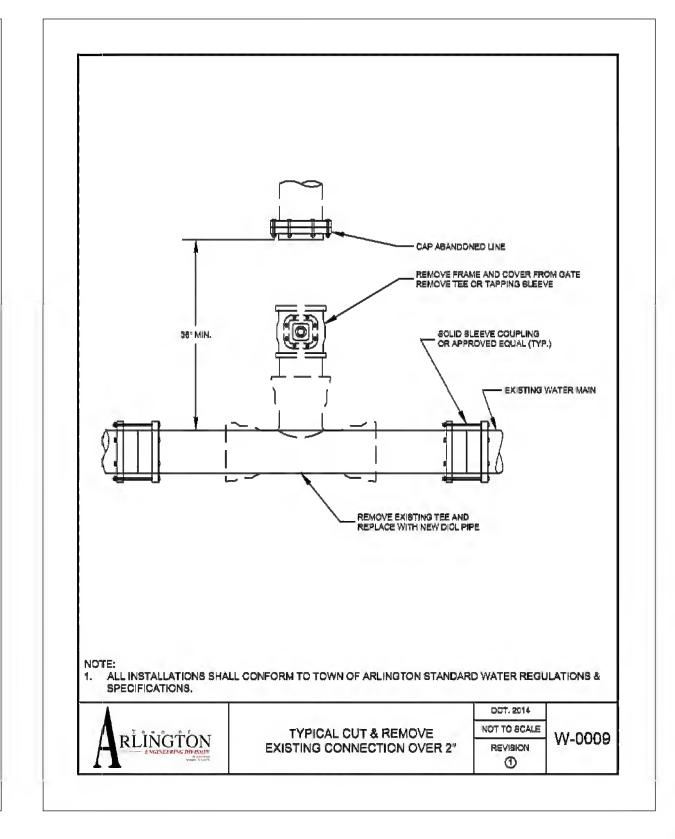
By: WCC

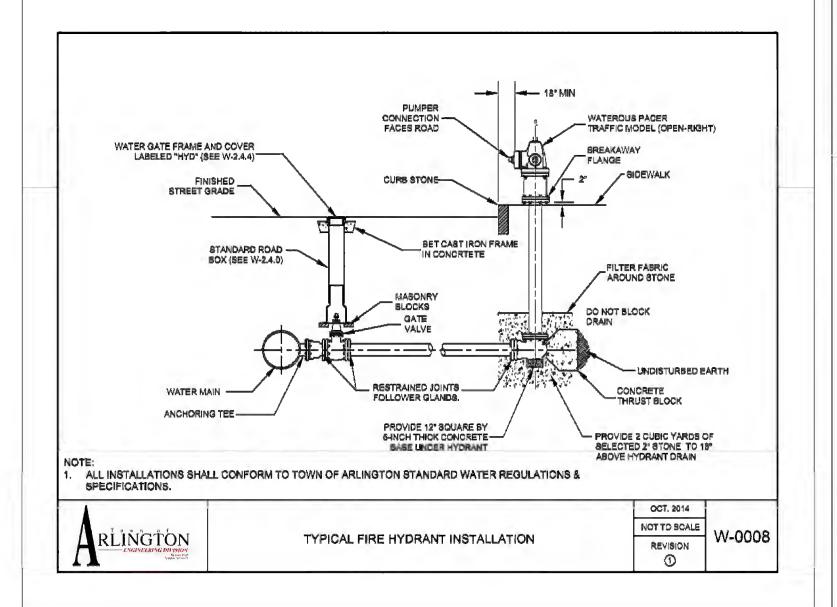
1" = 20'

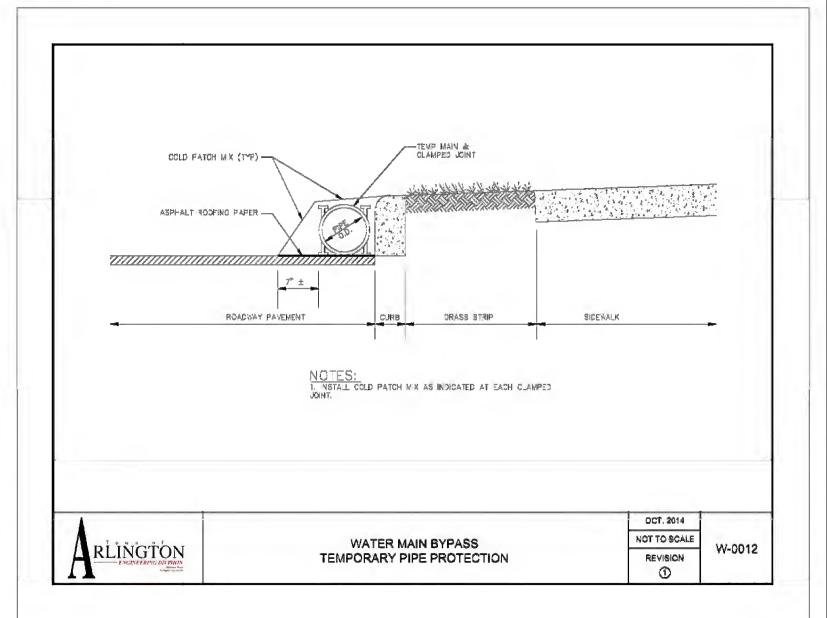
9 of

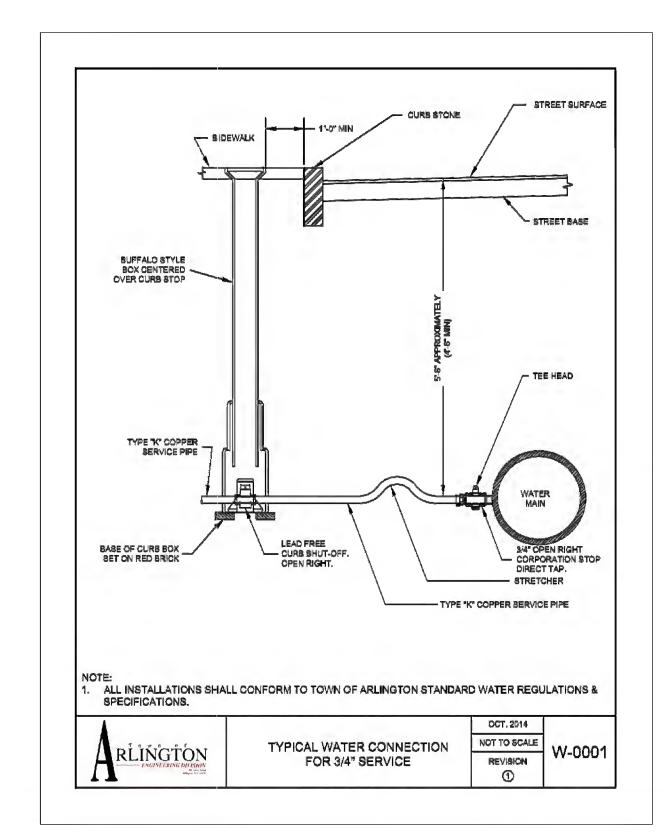


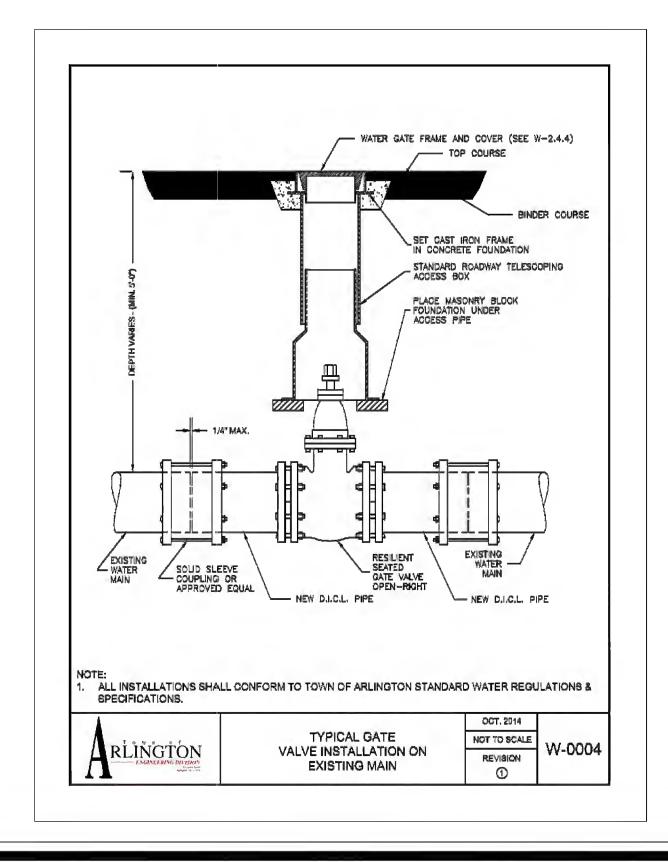


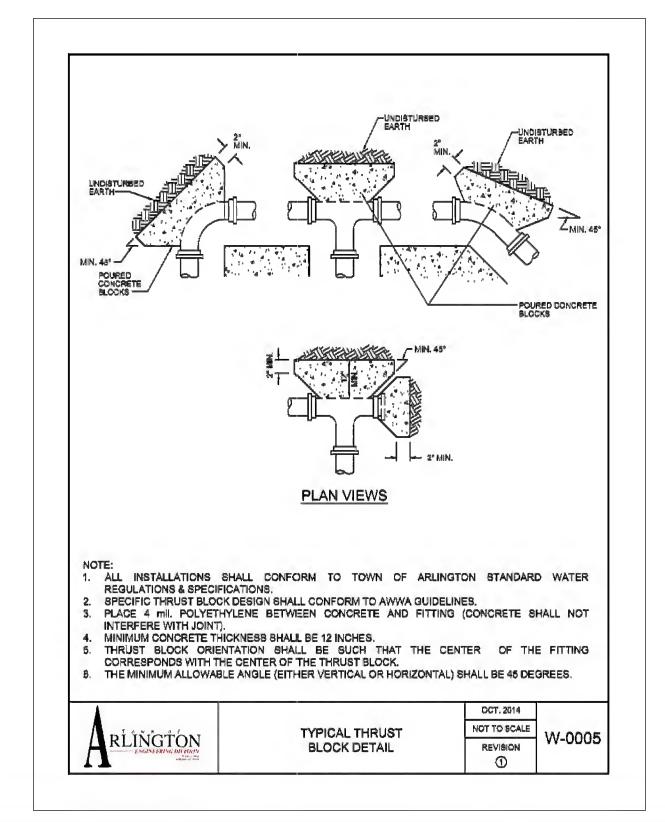


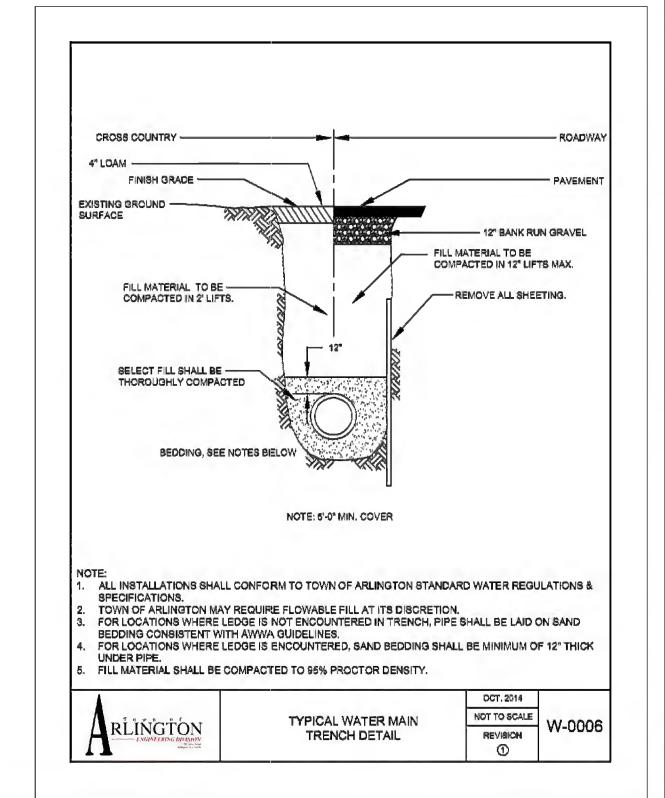


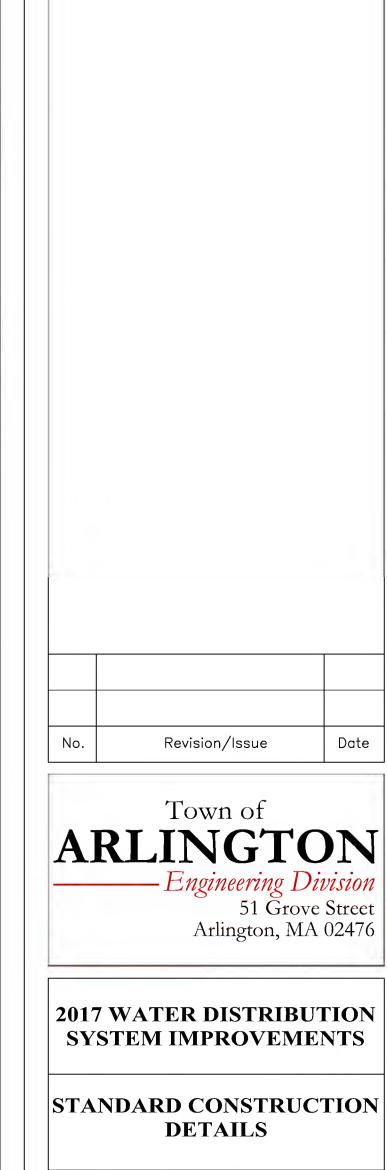












N.T.S.

MAY 2017

NOTES